

Converting Colors

XYZ(25.3302, 19.1309, 2.3598)

Have a look what the booklet for
XYZ(25.3302, 19.1309, 2.3598)
contains.

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Color

**XYZ(25.3274, 19.1316,
2.3579)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5F00
RGB	190, 95, 0
RGB Percent	75%, 37%, 0%
CMY	0.2549, 0.6274, 1.0000
CMYK	0.00, 0.50, 1.00, 0.25
HSL	30°, 100%, 37%
HSV	30°, 100%, 75%
XYZ	25.3274, 19.1316, 2.3579
YIQ	112.5750, 87.1150, -9.4050

Conversions

Conversions Part 2

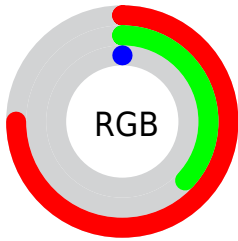
Format	Color
R_{YB}	190, 190, 0
Decimal	12476160
CIE Lab	50.84, 33.64, 59.50
CIE LCh	51, 68.350, 60.512
Yxy	19.1316, 0.5410, 0.4086
Android (android.graphics.Color)	4290666240 (0xFFBE5F00)
YUV	112.5750, -55.4995, 67.9017
Hunter-Lab	43.7397, 26.8157, 27.4216

Details

The XYZ color **25.3274, 19.1316, 2.3579** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.3863, 11.9019, 50.3064**, and the grayscale version is **15.7119, 16.5302, 18.0013**.

A 20% lighter version of the original color is **51.8112, 42.0979, 9.9524**, and **10.0303, 6.6211, 0.7494** is the 20% darker color. If you saturate the color by 10%, you get **25.3275, 19.1321, 2.3580**, and if you desaturate by 10%, it is **26.3540, 20.9969, 3.2802**.

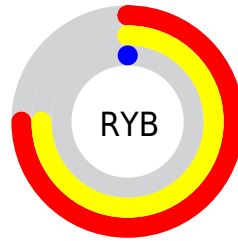
Distribution



Red (75%)

Green (37%)

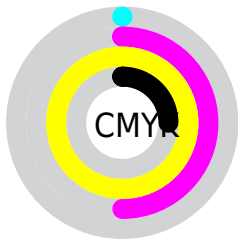
Blue (0%)



Red (75%)

Yellow (75%)

Blue (0%)

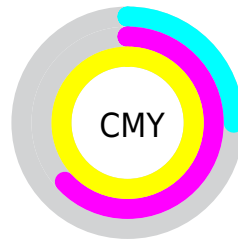


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3274, 19.1316, 2.3579 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.3274, 19.1316, 2.3579 by changing the saturation by 10% instead.

■ 25.3274, 19.1316,
2.3579

■ 25.3274, 19.1316,
2.3579

271.7822,
247.1743, 127.7078

■ 16.4512, 11.7654,
0.7634

■ 51.6269, 41.9564,
9.9980

■ 9.9368, 6.5841,
0.0000

■ 69.7810, 58.1837,
16.8943

■ 5.4190, 3.2034,
0.0000

■ 91.7583, 78.1336,
26.3995

■ 2.5324, 1.2388,
0.0000

■ 117.9243,
102.1903, 38.9322


■ 0.9116, 0.0931,
0.0000


■ 148.6444,
130.7384, 54.9108


■ 0.0000, 0.0000,
0.0000


■ 184.2838,


164.1621, 74.7539


 225.2079,
202.8460, 98.8800


 25.3274, 19.1316,
2.3579


 25.3274, 19.1316,
2.3579


 25.3275, 19.1321,
2.3580

 26.3540, 20.9969,
3.2802

 27.6029, 23.1229,
4.8426

 29.1195, 25.5341,
7.2655

 30.9279, 28.2453,
10.6604

 33.0490, 31.2698,
15.1217

■ 35.5015, 34.6198,
20.7325

■ 38.3021, 38.3067,
27.5675

■ 41.4664, 42.3412,
35.6953

■ 45.0091, 46.7334,
45.1790

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7678, 19.1316, 7.1106



25.3274, 19.1316, 2.3579



18.0686, 19.1316, 1.4036

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.3274, 19.1316, 2.3579



8.0700, 19.1316, 21.1641



25.5781, 19.1316, 71.8581

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.3274, 19.1316, 2.3579



13.3863, 11.9019, 50.3064

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.2999, 19.1316, 84.2208



25.3274, 19.1316, 2.3579



9.1579, 19.1316, 45.8851

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.3274, 19.1316, 2.3579



9.0849, 19.1316, 7.3945



12.5285, 19.1316, 72.6172



31.9359, 19.1316, 44.9205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.3274, 19.1316, 2.3579



14.0156, 19.1316, 1.8295



12.5285, 19.1316, 72.6172



23.1064, 19.1316, 78.4001

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.3278, 19.1326, 2.3582



69.1463, 69.0768, 49.2975



23.3007, 11.7734, 11.8715



14.6936, 14.5283, 9.6130



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.3278, 19.1326, 2.3582



45.6489, 34.1731, 4.1901



39.6483, 47.7736, 7.1317



9.9136, 10.3033, 10.0429



16.9201, 12.8789, 1.5941



0.7282, 0.6353, 0.0843

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.3863, 11.9019, 50.3064



24.0089, 21.0697, 91.0806



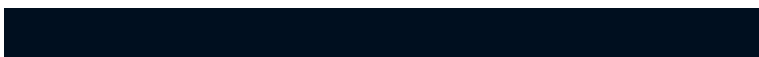
9.2943, 3.7178, 48.9424



9.4000, 9.9922, 12.1055



8.9795, 8.0708, 33.4774



0.4172, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 25.3274, 19.1316, 2.3579 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.3274, 19.1316, 2.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3274, 19.1316, 2.3579

Background



This preview shows how black text looks on a background with the XYZ color 25.3274, 19.1316, 2.3579.



This preview shows how white text looks on a background with the XYZ color 25.3274, 19.1316,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.3274, 19.1316, 2.3579

Protanopia

17.3772, 19.2779, 3.3354

Deuteranopia

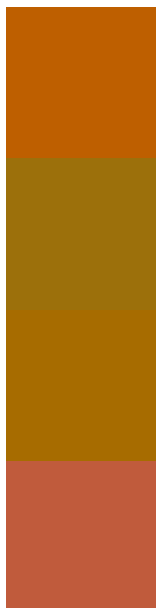
19.5718, 19.3608, 2.7055



Tritanopia

27.5024, 19.1251, 12.8316

Trichromacy



Original Color

25.3274, 19.1316, 2.3579

Protanomaly

19.5649, 18.6804, 2.8911

Deuteranomaly

21.2989, 18.9406, 2.5333

Tritanomaly

26.2949, 19.0149, 6.5593

Monochromacy



Original Color

25.3274, 19.1316, 2.3579

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.3082, 16.4387, 8.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3274, 19.1316, 2.3579 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(190, 95, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 95, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3274, 19.1316, 2.3579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 95, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 95, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 95, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(190, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.3274, 19.1316, 2.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 95, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190, 95,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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